



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of

Applicants : Ross A. Saunders, et al.  
Serial No. : 09/927,680  
Filed : August 10, 2001  
Title : METHOD OF ADAPTIVE SIGNAL DEGRADATION COMPENSATION  
Docket : SOI 0003 PA  
Art Unit : 2633

2633  
03.24.02  
RECEIVED  
JAN 29 2002  
Technology Center 2600

Assistant Commissioner for Patents  
Washington, DC 20231

CERTIFICATE OF MAILING  
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on November 12, 2001.

*Susan M. Luna*

Susan M. Luna - Patent Agent

Reg. No. 38,769

Sir:

INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR §§ 1.56, 1.97, AND 1.98

Applicants submit herewith patents, publications, and other information of which they are aware, which they believe may be material, as defined in 37 CFR §1.56(b), to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR §1.56(a). While the information referred to in this Information Disclosure Statement may be material pursuant to 37 CFR §1.56(b), the filing of this Information Disclosure Statement is not intended to, pursuant to 37 CFR §1.97(h), constitute an admission that any patent, publication, or other information referred to is, or is considered to be, material to the patentability of this invention. Further, pursuant to 37 CFR §1.97(g), the filing of this Statement should not be construed as a statement that a search has been made or that no other material information exists.

A listing of all items of information cited is attached on PTO/SB/08A, a substitute for form 1449A/PTO. Copies of the items are enclosed for the convenience of the Examiner.

Serial No. 09/927,680  
Docket No. SOI 0003 PA

This Information Disclosure Statement is being filed within the period set forth in 37 CFR §1.97(b) because it is believed to be filed before the mailing date of a first office action on the merits.

Respectfully submitted,  
KILLWORTH, GOTTMAN, HAGAN  
& SCHAEFF, L.L.P.

By Susan M. Luna  
Susan M. Luna  
Registration No. 38,769

One Dayton Centre  
One South Main Street, Suite 500  
Dayton, Ohio 45402-2023  
Telephone: (937) 223-2050  
Facsimile: (937) 223-0724

SML/amm  
Encls.

+

+

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO

**Complete if Known**

*(use as many sheets as necessary)*

Sheet	1	of	2
-------	---	----	---

<b>Application Number</b>	09/927,680
<b>Filing Date</b>	August 10, 2001
<b>First Named Inventor</b>	Ross A. Saunders
Group Art Unit	2633
Examiner Name	
Attorney Docket Number	SOI 0003 PA

U.S. PATENT DOCUMENTS

[illegible]

RECEIVED  
JAN 29 2002  
Technology Center 2600

## FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

+

Please type a plus sign (+) inside this box → ☐

PTO/SB/08B (08-00)  
Approved for use through 10/31/2002. OMB 0651-0031  
U. S. Patent and Trademark Office: U. S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 2 of 2

### Complete if Known

Application Number	09/927,680
Filing Date	August 10, 2001
First Named Inventor	Ross A. Saunders
Group Art Unit	2633
Examiner Name	
Attorney Docket Number	SOI 0003 PA

### OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials <sup>*</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		ITU-T G.975, "Forward Error Correction for Submarine Systems" November 1996	
		SAITO et al., "Prechirp Technique for Dispersion Compensation for a High-Speed Long Span Transmission" IEEE Photonics Technology Letters, vol. 3, No. 1., Jan. 1991	
		GNAUCK et al., "Dispersion Penalty Reduction Using an Optical Modulator with Adjustable Chirp" IEEE Photonics Technology Letters, vol. 3, No. 10, Oct. 1991	

Examiner  
Signature

Date  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.